

Alaska Wildlife Troopers Marine Enforcement Repair and Replacement **FY2022 Request: \$2,400,000**
Reference No: 63160

AP/AL: Appropriation **Project Type:** Life / Health / Safety
Category: Public Protection
Location: Statewide **House District:** Statewide (HD 1-40)
Impact House District: Statewide (HD 1-40) **Contact:** Elizabeth Dunayski
Estimated Project Dates: 07/01/2021 - 06/30/2026 **Contact Phone:** (907)465-2169

Brief Summary and Statement of Need:

Maintenance is critical for the following vessels:

P/V Stimson Shipyard: \$1,500,000 UGF
P/V Cama'i Haulout: \$400,000 UGF
Medium/Small Class Upgrades: \$500,000 UGF

| Funding: | FY2022 | FY2023 | FY2024 | FY2025 | FY2026 | FY2027 | Total |
|-----------------|--------------------|---------------|---------------|---------------|---------------|---------------|--------------------|
| 1008 G/O Bonds | \$2,400,000 | | | | | | \$2,400,000 |
| Total: | \$2,400,000 | \$0 | \$0 | \$0 | \$0 | \$0 | \$2,400,000 |

| | | | | |
|---|---|---------------------------------------|---|----------------------------------|
| <input type="checkbox"/> State Match Required | <input type="checkbox"/> One-Time Project | <input type="checkbox"/> Phased - new | <input type="checkbox"/> Phased - underway | <input type="checkbox"/> Ongoing |
| 0% = Minimum State Match % Required | | <input type="checkbox"/> Amendment | <input type="checkbox"/> Mental Health Bill | |

Operating & Maintenance Costs:

| | <u>Amount</u> | <u>Staff</u> |
|----------------------|---------------|--------------|
| Project Development: | 0 | 0 |
| Ongoing Operating: | 0 | 0 |
| One-Time Startup: | 0 | |
| Totals: | 0 | 0 |

Prior Funding History / Additional Information:

These vessels are critical in protecting life, health, and provide public safety in the State of Alaska.

Project Description/Justification:

The P/V Stimson shipyard is required to conduct depot-level maintenance. The Stimson will require a complete scaling superstructure (pilothouse), with primer and paint throughout. Currently the vessel has twin inboard diesel engines that need to be rebuilt on a 10,000-hour schedule and have been rebuilt twice already. With the age of the engines, another rebuild is necessary to protect them from a catastrophic failure. If the engines were to fail the cost to replace would be nearly \$3 million, including cost of the engines, transit to ship yard, cost to install with removing a portion of the hull, replacing the hull plating, and installation.\$1,500,000.

The P/V Cama'i requires a haulout to conduct depot-level maintenance, to include detailed inspection of the hull and all power systems. This vessel is currently at half-life and is in good condition. Legacy data suggests a total cost of nearly \$400,000 in required maintenance, replacement parts and upgrades are needed. The P/V Cama'i is currently one year overdue for major haulout and will be 2 years overdue if funds are not secured for FY2021.Necessary procedures include replacing corrosion inhibitors, replacing the bottom paint, inspecting the propulsion shafts, and conducting below-the-waterline maintenance. If preventative maintenance is not done, the vessel should cease

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operations as it will be unsafe and cost prohibitive to operate.

Medium/Small Class Patrol Vessel Upgrades: necessary maintenance includes replacement of corrosion inhibitors, bottom paint, and outboard engines as well as below-the-waterline maintenance. If preventative maintenance is not done, affected vessels should cease operations as they will be unsafe and cost prohibitive to operate. There are two vessels that are at the end of serviceable life and maintenance is imperative. \$500,000.

These vessels are critical in protecting life, health, and provide public safety in the State of Alaska. To prevent assets from possible failure, maintenance funds must be allocated so that required preventative maintenance can be scheduled and completed.